

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A switching device comprising a frame (2), in which an actuator (6) adapted to rotate a main shaft of the switching device and rotatable around an axis (12) of rotation, and spring means (7) are installed, the actuator (6) having a 0 position, an I position and a first dead point between the 0 position and the I position, the I position being located by a given angle (α_6) in a first direction relative to the 0 position, the spring means (7) comprising one or more working springs (8, 10) each comprising a first end (14) supported to the frame (2), and a second end (16), the spring means being adapted to rotate the actuator (6), when the actuator (6) is between the 0 position and the I position, towards the 0 position or the I position depending on which side of said first dead point the actuator (6) is, ~~characterized in that~~ wherein the actuator (6) also has a testing position, the testing position being located by a predetermined angle (β_6) in a second direction relative to the 0 position, said second direction being opposite relative to said first direction.

2. (Currently Amended) A switching device as claimed in claim 1, ~~characterized in that~~ wherein the actuator (6) has a second dead point between the 0 position and the testing position, the spring means (7) being adapted

to rotate the actuator (6), when the actuator (6) is between the 0 position and the testing position, towards the 0 position or the testing position depending on which side of said second dead point the actuator (6) is.

3. (Currently Amended) A switching device as claimed in claim 2,
~~characterized in that~~ wherein the second dead point is accomplished with bending means (18) adapted to bend each working spring (8, 10) in the lateral direction.

4. (Currently Amended) A switching device as claimed in claim 3,
~~characterized in that~~ wherein the bending means (18) comprise, for each working spring (8, 10), at least one supporting member (20) provided in the frame (2), and at least one bending member (22) provided in the actuator (6) in such a manner that said bending member (22) is adapted to direct a lateral force to the second end (16) of the working spring (8), and said supporting member (20) is adapted to direct a lateral force between the first end (14) and the second end (16) of the working spring (8), the force being opposite in direction respective to the force directed by the bending member (22).

5. (Currently Amended) A switching device as claimed in ~~any one of the preceding claims,~~ ~~characterized in that~~ claim 1, wherein each of said working springs (8, 10) is a coil spring.

6. (Currently Amended) A switching device as claimed in claim 5,

~~characterized in that~~ wherein when the actuator (6) is between the 0 position and the I position, each of said working springs (8, 10) acts as a compression spring.

7. (Currently Amended) A switching device as claimed in ~~any one of the preceding claims, characterized in that~~ claim 1, wherein the first end (14) of each working spring (8, 10) is supported rotatable to the frame (2).

8. (Currently Amended) A switching device as claimed in ~~any one of the preceding claims, characterized in that~~ claim 1, wherein the actuator (6) comprises, for each working spring (8, 10), a slot (24) adapted to receive the second end (16) of the working spring, ~~and that~~ wherein the second end (16) of each working spring is at all times in the corresponding slot (24) when the actuator (6) is between its 0 position and I position.

9. (Currently Amended) A switching device as claimed in claim 8, ~~characterized in that~~ wherein the switching device is configured such that when the actuator (6) is rotated from the 0 position towards the testing position, the second end (16) of each working spring (8, 10) is detached from the corresponding slot (24), ~~and that~~ wherein when the actuator (6) is rotated from the testing position towards the 0 position, the second end (16) of each working spring (8, 10) enters the corresponding slot (24).

10. (Currently Amended) A switching device as claimed in ~~any one of the preceding claims, characterized in that~~ claim 1, wherein it comprises a control

shaft (4) adapted to rotate the actuator (6) and having a 0 position, an I position and a testing position.

11. (Currently Amended) A switching device as claimed in claim 10,
~~characterized in that~~ wherein the control shaft (4) is connected to the actuator (6) by means of connecting means, the connecting means having a free travel, the connecting means comprising a spiral spring means (28).

12. (Currently Amended) A switching device as claimed in claim 11,
~~characterized in that~~ wherein the connecting means are adapted such that when the control shaft (4) is rotated from the 0 position in the first direction by an angle (γ) corresponding to the free travel, the spiral spring means (28) is tensioned while the actuator (6) remains substantially in position, and when the turning angle of the control shaft (4) exceeds the angle (γ) corresponding to the free travel in the first direction, the actuator (6) rotates along with the control shaft until the actuator (6) reaches the first dead point.

13. (Currently Amended) A switching device as claimed in ~~any one of claims 10 to 12,~~ claim 1, ~~characterized in that~~ wherein the control shaft (4) is adapted to rotate around said axis (12) of rotation.

14. (New) A switching device as claimed in claim 2, wherein each of said working springs is a coil spring.

15. (New) A switching device as claimed in claim 3, wherein each of said working springs is a coil spring.

16. (New) A switching device as claimed in claim 4, wherein each of said working springs is a coil spring.

17. (New) A switching device as claimed in claim 14, wherein the first end of each working spring is supported rotatable to the frame.

18. (New) A switching device as claimed in claim 17, wherein the actuator comprises, for each working spring, a slot adapted to receive the second end of the working spring, wherein the second end of each working spring is at all times in the corresponding slot when the actuator is between its 0 position and I position.

19. (New) A switching device as claimed in claim 18, wherein it comprises a control shaft adapted to rotate the actuator and having a 0 position, an I position and a testing position.

20. (New) A switching device as claimed in claim 19, wherein the control shaft is adapted to rotate around said axis of rotation.